

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTANXR1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * Welcome to STN International * * * * * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 3 JAN 16 CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 4 JAN 16 IPC version 2007.01 thesaurus available on STN
NEWS 5 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 6 JAN 22 CA/CAplus updated with revised CAS roles
NEWS 7 JAN 22 CA/CAplus enhanced with patent applications from India
NEWS 8 JAN 29 PHAR reloaded with new search and display fields
NEWS 9 JAN 29 CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 10 FEB 15 PATDPASPC enhanced with Drug Approval numbers
NEWS 11 FEB 15 RUSSIAPAT enhanced with pre-1994 records
NEWS 12 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality
NEWS 13 FEB 26 MEDLINE reloaded with enhancements
NEWS 14 FEB 26 EMBASE enhanced with Clinical Trial Number field
NEWS 15 FEB 26 TOXCENTER enhanced with reloaded MEDLINE
NEWS 16 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 17 FEB 26 CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS 18 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 19 MAR 16 CASREACT coverage extended
NEWS 20 MAR 20 MARPAT now updated daily
NEWS 21 MAR 22 LWPI reloaded
NEWS 22 MAR 30 RDISCLOSURE reloaded with enhancements
NEWS 23 APR 02 JICST-EPLUS removed from database clusters and STN
NEWS 24 APR 30 GENBANK reloaded and enhanced with Genome Project ID field
NEWS 25 APR 30 CHEMCATS enhanced with 1.2 million new records
NEWS 26 APR 30 CA/CAplus enhanced with 1870-1889 U.S. patent records
NEWS 27 APR 30 INPADOC replaced by INPADOCDB on STN
NEWS 28 MAY 01 New CAS web site launched
NEWS 29 MAY 08 CA/CAplus Indian patent publication number format defined

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 08:52:52 ON 10 MAY 2007

=> file reg
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 08:53:05 ON 10 MAY 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 MAY 2007 HIGHEST RN 934521-72-9
DICTIONARY FILE UPDATES: 9 MAY 2007 HIGHEST RN 934521-72-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

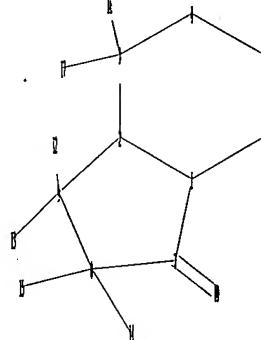
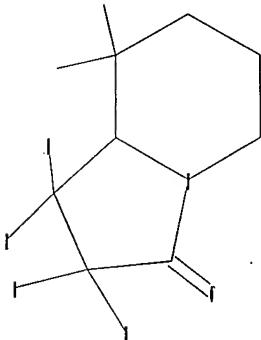
TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10567314.str



```

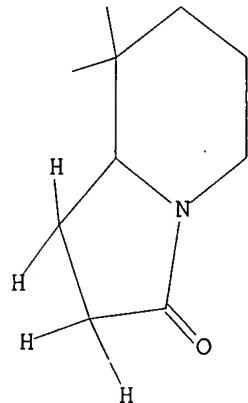
chain nodes :
10 12 13 14 15 16 17
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
3-16 3-17 7-10 8-14 8-15 9-12 9-13
ring bonds :
1-2 1-6 1-7 2-3 2-9 3-4 4-5 5-6 7-8 8-9
exact/norm bonds :
1-2 1-6 1-7 2-3 3-4 4-5 5-6 7-10
exact bonds :
2-9 3-16 3-17 7-8 8-9 8-14 8-15 9-12 9-13
isolated ring systems :
containing 1 :

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 08:53:37 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 84 TO ITERATE

100.0% PROCESSED 84 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1131 TO 2229
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full
SL1 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (>).

=> s l1 full
FULL SEARCH INITIATED 08:53:50 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1805 TO ITERATE

100.0% PROCESSED 1805 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

L3 3 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION

FULL ESTIMATED COST

172.10

172.31

FILE 'CAPLUS' ENTERED AT 08:53:55 ON 10 MAY 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 10 May 2007 VOL 146 ISS 20
FILE LAST UPDATED: 9 May 2007 (20070509/ED)

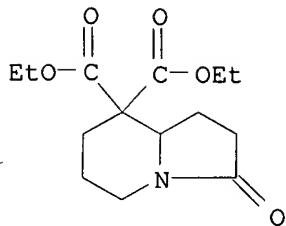
Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 13 full
L4 3 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2007:129684 CAPLUS
DOCUMENT NUMBER: 146:359018
TITLE: A practical method for the synthesis of pyrrolizidine, indolizidine, and pyrroloazepinolizidine nucleus
AUTHOR(S): Quiroz, Tomas; Corona, David; Covarruvias, Adrian; Avila-Zarraga, Jose Gustavo; Romero-Ortega, Moises
CORPORATE SOURCE: Departamento de Quimica Organica, Facultad de Quimica, Universidad Autonoma del Estado de Mexico, Toluca, Mex.
SOURCE: Tetrahedron Letters (2007), 48(9), 1571-1575
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The alkylation of α,ω -dibromo alkanes, with the sodium salt of succinimide, followed by the reduction with sodium borohydride gives the resp. N- ω -bromoalkyl-5-hydroxy-2-pyrrolidinones. These substrates are precursors of N-acyliminium ions under acidic conditions. The condensation of these intermediates with Et malonate in the presence of TiCl4 and diisopropylethylamine followed by intramol. cyclization provides a convenient route to substituted pyrrolizidinone, indolizidinone, and pyrroloazepinolizidinone nucleus in a good yield.
IT 930573-80-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of pyrrolizidines, indolizidines, and pyrroloazepinolizidines from succinimide by alkylation and cyclization)
RN 930573-80-1 CAPLUS
CN 8,8(5H)-Indolizinedicarboxylic acid, hexahydro-3-oxo-, 8,8-diethyl ester
(CA INDEX NAME)

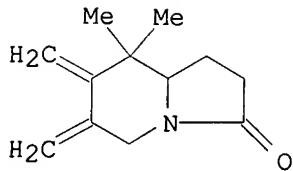


REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2002:48954 CAPLUS
 DOCUMENT NUMBER: 136:340581
 TITLE: The intramolecular Heck reaction and the synthesis of indolizidinone, quinolizidinone and benzoazepinone derivatives
 AUTHOR(S): Santos, Leonardo Silva; Pilli, Ronaldo Aloise
 CORPORATE SOURCE: Instituto de Quimica, UNICAMP, Campinas, 13083-970, Brazil
 SOURCE: Synthesis (2002), (1), 87-93
 CODEN: SYNTBF; ISSN: 0039-7881
 PUBLISHER: Georg Thieme Verlag
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 136:340581
 GI

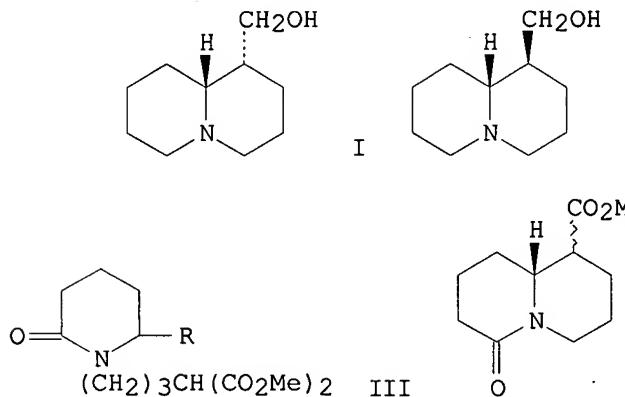
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The intramol. Heck cyclization of N-alkyl-, -aryl- or -benzyl-5'-allyl-2-pyrrolidinones and N-allyl-, -aryl- or -benzyl-6-allyl-2-piperidinones, prepared through allyltrimethylsilane addition to the corresponding cyclic N-acyliminium ions, afforded indolizidinones I ($n = 0$), II and III, quinolizidinones I ($n = 1$) or IV, and benzoazepinones V and VI ($n = 0, 1$ for both) in moderate to good yields (56-90%). Exclusive exo-trig over endo-trig mode of cyclization was observed in all examples studied, and it was accompanied by double bond migration, which precluded the authors' attempts of a one-pot tandem Diels-Alder cycloaddn. with dienophiles such as maleic anhydride, Me vinyl ketone and di-Et azodicarboxylate. Catalytic hydrogenation of a 2:1 mixture of regioisomeric indolizidinones II and III afforded the stereoisomerically enriched cis indolizidinone VII (20:1 mixture) in quant. yield. A similar behavior was observed in the catalytic hydrogenation of regioisomeric benzoazepinones V and VI ($n = 1$).
 IT 417699-98-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (intermediate in Heck cyclization of allylpyrrolidinone derivative and attempted Diels-Alder cycloaddn. of)
 RN 417699-98-0 CAPLUS
 CN 3(2H)-Indolizinone, hexahydro-8,8-dimethyl-6,7-bis(methylene)- (9CI) (CA INDEX NAME)



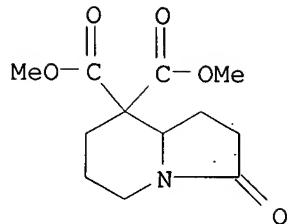
REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1983:198507 CAPLUS
 DOCUMENT NUMBER: 98:198507
 TITLE: A new synthesis of (\pm)-lupinine,
 (\pm)-epilupinine, and the related heterocycles by
 application of anodic oxidation
 Okita, Makoto; Wakamatsu, Takeshi; Ban, Yoshio
 Fac. Pharm. Sci., Hokkaido Univ., Sapporo, 060, Japan
Heterocycles (1983), 20(3), 401-4
 CODEN: HTCYAM; ISSN: 0385-5414
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI



AB (\pm)-Lupinine (I) and (\pm)-epilupinine (II) were prepared by anodic oxidn. of the lactam III (R = H) in MeOH to give 71% III (R = MeO), which was cyclized with TiCl4 followed by decarboxylation to give two quinolizidinones IV (α - and β -CO2Me), which were reduced by LiAlH4.

IT 85588-67-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 85588-67-6 CAPLUS
 CN 8,8(5H)-Indolizinedicarboxylic acid, hexahydro-3-oxo-, dimethyl ester
 (9CI) (CA INDEX NAME)



=> FIL STNGUIDE
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
--	------------------	---------------

FULL ESTIMATED COST 16.28 188.59

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
CA SUBSCRIBER PRICE

	SINCE FILE ENTRY	TOTAL SESSION
--	------------------	---------------

-2.34 -2.34

FILE 'STNGUIDE' ENTERED AT 08:54:24 ON 10 MAY 2007

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: May 4, 2007 (20070504/UP).

=> d his

(FILE 'HOME' ENTERED AT 08:52:52 ON 10 MAY 2007)

FILE 'REGISTRY' ENTERED AT 08:53:05 ON 10 MAY 2007

L1	STRUCTURE UPLOADED
L2	0 S L1
L3	3 S L1 FULL

FILE 'CAPLUS' ENTERED AT 08:53:55 ON 10 MAY 2007

L4	3 S L3 FULL
----	-------------

FILE 'STNGUIDE' ENTERED AT 08:54:24 ON 10 MAY 2007

=> log y

COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
--	------------------	---------------

FULL ESTIMATED COST 0.06 188.65

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

	SINCE FILE ENTRY	TOTAL SESSION
--	------------------	---------------

CA SUBSCRIBER PRICE 0.00 -2.34

STN INTERNATIONAL LOGOFF AT 08:55:02 ON 10 MAY 2007